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TITLE: CLOCK SYNCHRONIZING SYSTEM IN DIGITAL SUBSCRIBER LINE

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ABSTRACT:

PURPOSE: To simplify the synchronizing circuit, by transmitting a clock from an exchange connected to a line of one group and synchronizing a terminal connected to a line of other group with a clock.

CONSTITUTION: Plural digital subscriber lines 31i-3n connecting digital terminals such as a time division subscriber exchange 5, a time division PBX exchange 1 and digital key telephone set are grouped into two groups, a pattern having a clock component from the time division subscriber exchange normally is transmitted to the subscriber lines of one group and the digital terminals are synchronized with the normal subscriber exchange 5 with a clock picked up from the subscriber lines. Thus, a highly accurate PL0 circuit for the assurance of extension communication quality which has been required for the terminals conventionally is not required, allowing to decrease the scale and cost of the terminal device.

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